

172A 3075 PCT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TOSHIKAZU UCHIYAMA

Serial No.: 09/762,846

Filed: February 9, 2001

For: PIEZO-OSCILLATOR

Art Unit: 2834

Examiner: Thomas Dougherty

#11/C(10)  
D. EVANSRULE 116 AMENDMENT

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Commissioner for Patents  
Washington, D.C. 20231  
Box: AF

SEP 3 - 2002

TECHNOLOGY CENTER 2800

Dear Sir:

In response to the Final Office Action dated May 2, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 1 (amended) as follows:

## 1. (Twice Amended) A piezo-oscillator comprising:

C' an oscillator circuit including a piezo-vibrator and an amplifier circuit, one terminal of said piezo-vibrator being connected to an input terminal of said amplifier circuit and another terminal of said piezo-vibrator being grounded via a capacitance element so that a frequency that is based upon resonance frequency of said piezo-vibrator is outputted from an output of said amplifier circuit,

a constant-voltage circuit connected to a power source, and

a first switch circuit that connects, by selection, either one of said power source and said constant-voltage circuit to said amplifier circuit; wherein

said first switch circuit

selects said constant-voltage circuit when a voltage to be supplied from said power source is equal to or lower than a predetermined value and

selects said power source when a voltage to be supplied from said power source